

# Comfort Systems

Air Conditioners & Heat Pumps

## Up to 16 SEER



# FRIGIDAIRE

COMFORT THAT FITS YOUR LIFE





## TOTAL HOME COMFORT AND WHAT IT MEANS TO YOU

Total home comfort depends on many variables. Variables such as your home's square footage, number of floors, the sun's exposure on your home, the area of the country your home is located in, materials your home was constructed from, and your own personal comfort choices.

Frigidaire has developed a full line of air conditioners, heat pumps and accessories to allow you to maintain total home comfort year round.

### What having a up to 16 SEER air conditioner or heat pump means.

Your air conditioner or heat pumps's efficiency is measured by a Seasonal Energy Efficiency Ratio (SEER). The higher the SEER rating, the more efficiently your unit operates. Increased efficiency translates into savings in utility costs.

### Frigidaire fits your life.

- **Delivering peace of mind unit after unit.** Every unit is triple checked at each manufacturing stage, for an average of 144 quality checks as your unit is built. In addition, all electrical and mechanical components are 100% fired and tested on the manufacturing line. When your contractor arrives, you can be sure that only the highest quality air conditioner or heat pump is being delivered to your home.
- **Extending the life of your unit.** High quality doesn't just happen. It must be engineered from the start. All air conditioners and heat pumps are designed for maximum compressor performance.
- **Total comfort never felt so good or sounded so quiet.** Great airflow and quiet performance are part of the Frigidaire comfort equation.
- **Aesthetically pleasing and designed for easy care.** Smooth and practical lines make your Frigidaire air conditioner or heat pump eye-appealing. All outdoor units are finished with a Silicone protective polyurethane finish that passed a 950-hour salt spray test. This step protects your unit from corrosion 50% more than standard outdoor finishes.
- **Advanced technology.** All air conditioner models feature all-aluminum Micro-Channel coils for increased resistance to corrosion.
- **Built to last.** From a long-lasting motor to the one-piece orifice, your unit will provide years of trouble-free and reliable service.

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### Extreme energy savings.



Annual costs based on 36,000 Btu unit, 1,500 cooling load hours, and .08/kwh. Actual costs may vary depending on climate conditions, energy rates and patterns of usage.





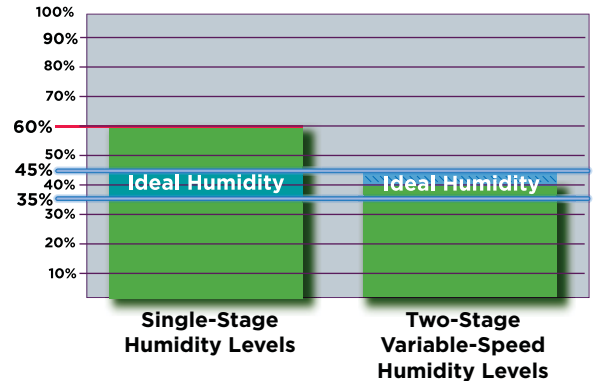
## A compressor you can count on.



Your Frigidaire air conditioner or heat pump has been carefully designed and engineered to give you outstanding energy efficiency and years of trouble-free operation. Frigidaire uses only proven components like the two-stage Ultra-tech Copeland® Scroll compressor featured in up to 16 SEER products. It's the leaders' choice for efficiency, durability and longevity. Two-stage technology allows your air conditioner or heat pump to operate at the most efficient level for total indoor comfort regardless of the outside temperature.

## The benefits of two-stage with variable-speed cooling.

Two-stage cooling products maintain a more consistent comfort level throughout your home. During the first stage, which is about 80% of the time, the unit will use about 68% of its cooling capacity. It will always start in the first stage and attempt to meet the cooling demand. This reduced capacity is enough to efficiently cool your home on mild summer days. When the temperature rises the air conditioner or heat pump automatically adjusts itself and enters the second stage to meet the increased cooling demand.

A two-stage air conditioner or heat pump paired with a variable-speed indoor unit runs for longer cycles and will remove up to six times more moisture than a conventional unit. The result is a more comfortable environment even at a higher thermostat setting. Thanks to two-stage technology the temperature in your home will only vary a couple of degrees and you will experience quiet comfort. The unique variable-speed motor decreases fan noise. Since the fan operates slower during the low-stage cooling demand, it produces less noise. In fact, in most installations it is practically silent. The variable speed also allows the motor to ramp up to speed slowly, eliminating uncomfortable temperature swings. Efficient operation is what two-stage, variable-speed cooling is all about. Since your unit runs at the stage needed based off demand, you never pay for energy that is not needed.



|                               | Extra High Cooling Efficiency | Heating Efficiency | Two-Stage | Variable-Speed System | ecoLogic® Seal  |
|-------------------------------|-------------------------------|--------------------|-----------|-----------------------|---|
| Up to 16 SEER Air Conditioner | ✓                             | N/A                | ✓         | ✓                     |  |
| Up to 16 SEER Heat Pump       | ✓                             | Up to 9.0 HSPF     | ✓         | ✓                     |  |

### Your split system.

Split systems have two main components. The outdoor section is the air conditioner or heat pump. The indoor section consists of a matched air handler or coil. These two sections work together to provide top performance, maximum efficiency and comfort.

### Benefits of a heat pump.

Depending on the climate you live in, a heat pump may be ideal for your family. Heat pumps work similarly to a conventional air conditioner with one big exception – they also provide heat in the winter. You can save 30% to 60% on energy usage during the winter months by switching to a heat pump.



Frigidaire two-stage, variable-speed products are energy-efficient, environmentally responsible products. Look for the ecoLogic® seal.



ENERGY STAR® certification is awarded to products designed to reduce energy consumption and utility costs. To qualify, split system air conditioners and heat pumps must have a Seasonal Energy Efficiency Ratio (SEER) rating of 15.0 or higher and an Energy Efficiency Ratio (EER) of 12.5 or higher. Split system heat pumps are also rated by a Heating Seasonal Performance Factor (HSPF) and must have a rating of 8.5 or higher.

# THE ULTIMATE COMFORT SYSTEM

Since heat rises, homes with multi-levels benefit greatly from zoning. Zone controls divide the home into individual spaces, each with their own thermostat. When the thermostat within a zone reaches its desired level the damper to that zone is shut down, thereby eliminating vast temperature differences.

Efficient operation is what two-stage, variable-speed cooling is all about. Matching the Frigidaire ultra series heat pump or air conditioner with an indoor section equipped with a variable-speed blower motor will increase your system efficiency, provide better humidity control and quieter operation than a standard blower motor.



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[www.frigidaire.net](http://www.frigidaire.net)



## Exceptional 10-Year Warranty and Comfort Quality Pledge

Frigidaire offers an incredible customer promise to protect your investment. When registered, every product offers one of the best warranties in the industry – a 10-year limited warranty on all parts and our Comfort Quality Pledge,\* which states that if your compressor or heat exchanger fails within the first 10 years, we will replace the entire unit. Speak to your Frigidaire contractor or visit us at [www.frigidaire.net](http://www.frigidaire.net) for warranty details.

\* ES/ET models carry a 1-year Comfort Quality Pledge when registered.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

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